#### Ratings Voltage: 60 V Current: 1 A Waterproof: IP 67

# **Operating Temperature Range** -40 ~ 85 $^\circ\text{C}$

### Materials

- Insulator: Nylon 66 + 30% glass fiber, black
   Sleeve: brass, gold-flashing
   Shell: brass, nickel plated (4)O-ring: rubber
- (5) Hexagonal nut: brass, nickel plated
  (6) O-ring: rubber

**Electrical Requirements** Dielectric strength: 1 min @ 500 Vac Insulation resistance:  $10^8 \Omega$  min Contact resistance:  $10 \text{ m}\Omega$  or less

# Mechanical Requirements

Insertion force: 0.82 kgf max Withdrawal force: 0.62 kgf max Life cycle: 500 mating cycles

# **Environmental Requirements**

Cold test: -25 °C for 2 hours without deformation Heat test: 85 °C for 16 hours while maintaining minimum 10<sup>8</sup> Ω insulation resistance

## Assembly info

Revision:

А

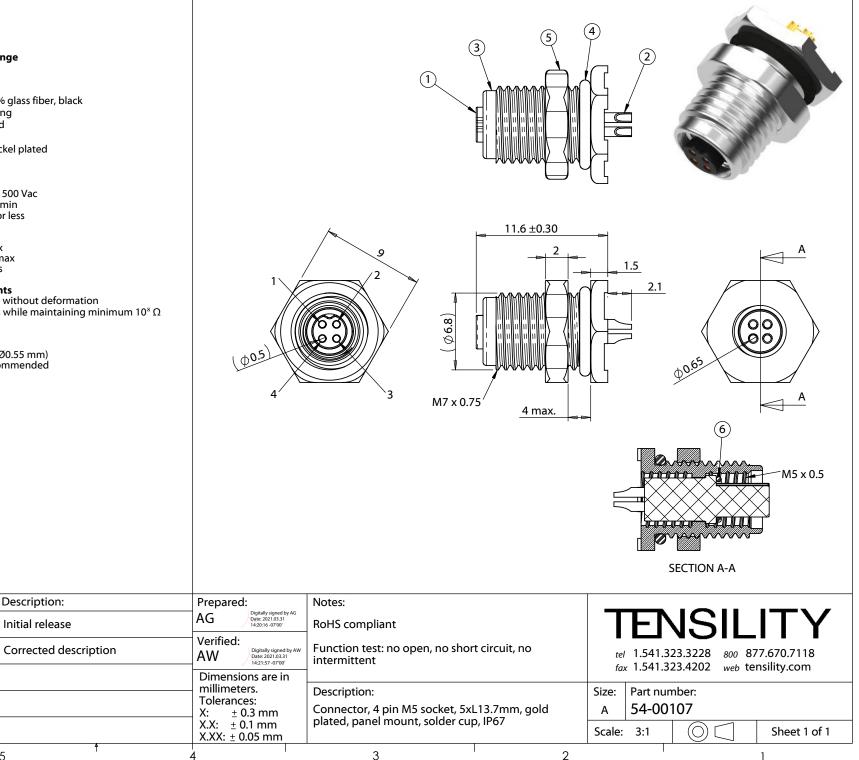
A1

Date:

8/7/2018

12/7/2018

Wire guage: 26 AWG max (Ø0.55 mm) Panel cutout: Ø7.1 mm recommended



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